AMENDMENT UNDER 37 C.F.R. § 1.111 Attorney Docket No.: Q96962

Application No.: 10/598,842

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the

application:

LISTING OF CLAIMS:

1. (currently amended): A rubber composition characterized by containing 5-60

parts by mass of an aromatic vinyl compound-diene compound copolymer (B) having a weight

average molecular weight of more than 50,0005,000-but not more than 300,000 (conversion to

polystyrene through gel permeation chromatography) based on 100 parts by mass of a rubber

component (A) comprising at least one rubber of natural rubber and synthetic diene-based

rubbers in which the copolymer (B) comprises 5-80 mass% of the aromatic vinyl compound and

a vinyl bond content in diene compound portion is 10-80 mass%.

2. (original): A rubber composition according to claim 1, wherein the rubber

component (A) comprises not less than 50 mass% of a styrene-butadiene copolymer rubber.

3. (previously presented): A rubber composition according to claim 1, wherein the

rubber component (A) contains not less than 50 mass% of a styrene-butadiene copolymer (C)

having a weight average molecular weight of 300,000-1,500,000, and the copolymer (C)

comprises 20-60 mass% of an aromatic vinyl compound and has a vinyl bond content in diene

compound portion of 10-80 mass%, and the copolymer (B) comprises 10-70 mass% of an

aromatic vinyl compound, and a difference in aromatic vinyl compound content between the

copolymer (C) and the copolymer (B) is not more than 30 mass%.

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4. (original): A rubber composition according to claim 3, wherein the copolymer (C) is at least one of an emulsion-polymerized styrene-butadiene copolymer comprising not less than 20 mass% of an aromatic vinyl compound and a solution-polymerized styrene-butadiene copolymer comprising not less than 20 mass% of an aromatic vinyl compound and having a vinyl bond content in diene compound portion of not less than 10 mass%.

- 5. (previously presented): A rubber composition according to 4 claim 1, wherein the aromatic vinyl compound of the copolymer (B) is styrene.
- 6. (previously presented): A rubber composition according to claim 1, wherein the diene compound of the copolymer (B) is butadiene.
- 7. (previously presented): A rubber composition according to claim 1, wherein the copolymer (B) is a solution-polymerized styrene-butadiene copolymer rubber.
- 8. (currently amended): A rubber composition according to claim 1, wherein the copolymer (B) has a weight average molecular weight of 20,000-more than 50,000 but not more than 200,000.
- 9. (currently amended): A rubber composition according to claim 1, wherein the copolymer has a weight average molecular weight of <u>more than 50,000[[-]]but not more than 150,000</u>.

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10. (previously presented): A rubber composition according to claim 1, which further contains 30-90 parts by mass of a filler based on 100 parts by mass of the rubber component (A).

- 11. (original): A rubber composition according to claim 10, wherein the filler is at least one of carbon black and silica.
- 12. (original): A rubber composition according to claim 11, wherein the carbon black is SAF class to HAF class.
- 13. (previously presented): A rubber composition according to claim 1, wherein a total amount of the copolymer (B) and a softening agent is 5-80 parts by mass based on 100 parts by mass of the rubber component (A).
- 14. (previously presented): A rubber composition according to claim 1, wherein a total amount of the copolymer (B) and a softening agent is 5-60 parts by mass based on 100 parts by mass of the rubber component (A).
- 15. (previously presented): A pneumatic tire characterized by using a rubber composition as claimed in claim 1 in at least ground contact part of a tread portion.
- 16. (new): A rubber composition according to claim 1, wherein the copolymer (B) has a weight average molecular weight of 80,000-300,000